



Devices for pressure measurement

APC-2000ALW

Smart pressure transmitter model APC-2000ALW

- Measuring range: min. 0...1 mbar; max. 0...1000 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety and explosion proof certificates
- Accuracy: 0,075% (special version 0,05%, 0,04%)
- Marine certificate DNV GL, BV
- SIL2/SIL3 - Functional Safety Certificate
- MID certificate
- Housing material: Aluminum / 316 Stainless Steel
- Process connection: 1/2"NPT, M20x1,5, G1/2"; flush diaphragm (G1/2", G1", M30x2); diaphragm seals



PCE-28.Smart

Smart pressure transmitter model PCE-28.Smart

- Measuring range: min. 0...5 mbar; max. 0...1380 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety and explosion proof version
- Accuracy: 0,1%
- Marine certificate DNV GL, BV
- Housing material: 304/ 316 Stainless Steel
- IP68 protection
- Process connection: 1/2"NPT, M20x1,5, G1/2"; flush diaphragm (G1/2", G1", M30x2); diaphragm seals



PCE-28

Pressure transmitter model PCE-28

- Measuring range: min. 0...25 mbar; max. 0...1380 bar
- Output signal: 4...20 mA, 0...10 V, 0...2,5 V
- Modbus RTU communication protocol
- Accuracy: 0,2% (0,16%)
- Intrinsic safety and explosion proof version
- Marine certificate DNV GL, BV
- SIL1-Functional Safety Certificate
- IP68 protection
- Housing material: 304/ 316 Stainless Steel
- Process connection: 1/2"NPT, M20x1,5, G1/2"; flush diaphragm (G1/2", G1", M30x2); diaphragm seals



MS-100K, MS-100

Industrial pressure gauge

- Casing diameter 100mm
- Stainless steel casing, measuring element and process connection
- Accuracy 1%
- Process connection: G1/2", M20x1,5 or diaphragm seal



Devices for level measurement

SGE-25, SGE-16 SGE-25S, SGE-25C

Submersible hydrostatic level probes

- Measuring range: from 1 up to 500 mH₂O
- Output signal: 4...20 mA
- 0...10 V, 0...2,5 V
- Accuracy: 0,2%
- Hastelloy/316Lss diaphragm
- Marine certificate DNV GL



SGE-25.Smart, SGE-25S.Smart

Submersible smart hydrostatic level probes

- Measuring range: from 1 up to 100 mH₂O
- Output signal: 4...20 mA + HART
- Modbus RTU communication protocol
- Accuracy: 0,1%
- Hastelloy/316Lss diaphragm
- Titanium version (SGE-25S.Smart only)
- Marine certificate DNV GL



PCE-28P, APC-2000ALW, APC-2000ALW/L

Hydrostatic level probes

- Measuring range: from 200 up to 3000 mmH₂O (up to 20m APC-2000ALW/L)
- Output signal: 4...20 mA + HART
- Accuracy: 0,16%
- Version with local display
- Marine certificate DNV GL, BV



ERH

Level switch type ERH

- Explosion proof version
- Housing protection IP66/68
- Marine certificates (DNV GL, LR, PRS)





Devices for difference pressure measurement

APR-2000ALW

Smart differential pressure transmitter model APR-2000ALW

- Measuring range: min. 0...1 mbar; max. 0...70 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety and explosion proof certificates
- Marine certificate DNV GL, BV
- SIL2/SIL3 - Functional Safety Certificate
- Accuracy: 0,075% (special version 0,05%, 0,04%)
- 316L, Hastelloy or Tantalum diaphragms
- Housing material: Aluminum / 316 Stainless Steel
- Different types of process connections



PRE-28.Smart

Smart differential pressure transmitter model PRE-28.Smart

- Measuring range: min. 0...2 mbar; max. 0...70 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety certificates ATEX, IECEx
- Accuracy: 0,1%
- Marine certificate DNV GL, BV



APR-2000GALW / APRE-2000G

Smart differential pressure transmitter for low ranges

- Measuring range: min. 0...0,2 mbar; max. 0...200 mbar
- Output signal: 4...20 mA + HART
- Accuracy: 0,1%
- Process connection: Ø 6x1 pipe, mounted with a valve manifold



APR-2200ALW

Smart differential pressure transmitter with direct and/or remote diaphragm seals

- Measuring range: min. 0...0,1mH₂O; max. 0... 16 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety and explosion proof certificates
- Housing material: Aluminum/ 316 Stainless Steel
- Accuracy: 0,1%



PRE-28

Differential pressure transmitter model PRE-28

- Measuring range: min. 0...16 mbar; max. 0... 25 bar
- Output signal: 4...20 mA, 0...10 V
- Accuracy: 0,25%
- Marine certificate DNV GL, BV



PRE-50G

Differential pressure transmitter for low ranges model PRE-50G

- Output signal: 4...20 mA
- Accuracy: 0,6%
- Measuring range start from 250Pa



Mechanical equipment

Valves and diaphragm seals

- 5-valve, 3-valve, 2-valve manifolds
- Needle valves
- Diaphragm seals according to DIN 2501 and ANSI B 16,5 norms
- Diameter form DN 25 to DN 100
- Various material as wetted parts
- Sanitary diaphragm seals





Devices for temperature measurement

Temperature sensors



- Resistance and thermoelectric temperature sensors
- For various branch of industry (cement industry, energy industry, food industry, etc)
- Measuring temperature from -200 to 1600°C
- ATEX certificate (Exia and Exd)
- Marine certificate BV
- Any immersion length



Temperature transmitters



- Head-mounted, rail-mounted and industrial temperature transmitters
- Output signal 4-20mA, Hart protocol
- Thermoresistance line compensation (3 wires line)
- Programmable measuring range
- ATEX certificate (Exia and Exd)
- MID certificate (only APT-2000ALW)
- SIL2/SIL3 - Functional Safety Certificate (LI-24G, LI-24L)



Devices for data logging, data displaying and for power supplying

Displays and data loggers

- Displays type
 - WW-11ALW
 - WW-45
 - WW-11N
 - WW-30
 - PMS-920
 - PMS-770T
 - PMS-970P
 - PMS-620N



- Data logger PMS-90R, PMS-110R and PMS-111R

Power supply, isolators, signal converters

- Power supplies
- Isolators, signal converters
- Ex barriers





Electropneumatic positioner

■ APIS

Electropneumatic positioner



- ATEX certificate
- HART protocol
- On device for linear and rotational actuators
- Simple in installation and programming
- Possibility of remote assembling of positioner
- Low air consumption
- Programmable speed of movement of the actuator's piston rod



Flow measurement

■ PEM-1000

Electromagnetic flowmeter

- Nominal size: DN10 - DN1000
- Simple in installation and programming
- Analog outputs: 0/4...20 mA, 0..5 mA, Modbus
- Lining: rubber or PTFE
- Various material of electrodes



■ Primary flow elements

- Orifices
- Pitot tubes



New products



■ SGE-25/HASTELLOY

Submersible hydrostatic level probe

- All wetted parts made in Hastelloy



■ APR-2000ALW

Smart differential pressure transmitter model APR-2000ALW

- New materials of wetted parts available:
 - Membranes: Tantalum
 - Process connection: Hastelloy



■ LI-24L, LI-24G

Smart temperature transmitters

- SIL2/SIL3 - Functional Safety Certificate